



**Department of Energy**  
Richland Operations Office  
P.O. Box 550  
Richland, Washington 99352

17-AMRP-0247

**SEP 12 2017**

Ms. Alexandra K. Smith, Program Manager  
Nuclear Waste Program  
Washington State Department of Ecology  
3100 Port of Benton Boulevard  
Richland, Washington 99354

Dear Ms. Smith:

**DATA QUALITY OBJECTIVES REPORT FOR ASSESSING THE STRUCTURAL  
INTEGRITY FOR PLUTONIUM URANIUM EXTRACTION (PUREX) PLANT STORAGE  
TUNNELS 1 AND 2, DRAFT A**

The purpose of this letter is to transmit the PUREX Tunnel 1 and 2 Data Quality Objectives Information Summary, CHPRC-03325, Draft A (Attachment 1). The Data Quality Objectives Draft A was developed while incorporating the Washington State Department of Ecology's (Ecology) comments in the following documents:

- Washington State Department of Ecology Nuclear Waste Program, PRC-PRO-SMP-53095, PUREX Tunnel 1 Data Quality Objectives (Draft), April 18, 2017, (Attachment 2)
- Washington State Department of Ecology Nuclear Waste Program, PRC-PRO-SMP-53095, PUREX Tunnel 2 Data Quality Objectives (Draft), April 18, 2017, (Attachment 3)

The Data Quality Objectives process was initiated in June 2016 and conducted through a collaborative effort between CH2M HILL Plateau Remediation Company (CHPRC), U.S. Department of Energy Richland Operations Office and Washington State Department of Ecology (Ecology). This Data Quality Objectives Draft A summary largely preserves the thoughts and recommendations of the parties of the Data Quality Objectives team prior to the May 9, 2017, partial collapse of PUREX Storage Tunnel 1. Many of the recommendations presented in the Data Quality Objectives summary have been performed or superseded by the PUREX Storage Tunnel 1 event response and protective measures, including corrective actions being developed for both PUREX Storage Tunnels 1 and 2 to address the Administrative Order Number 14156 issued by Ecology on May 10, 2017. Future protective measures and actions for PUREX Storage Tunnels 1 and 2 will continue to be driven by the commitments and agreements established through addressing the Administrative Order.

Ms. Alexandra K. Smith  
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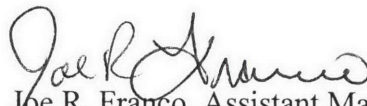
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This submittal supports completion of the Hanford Federal Facility Agreement and Consent Order (Tri-Party Agreement) Milestone M-085-80A, "Submit to Ecology as a secondary document a data quality objectives report to assess the structural integrity of the PUREX Storage Tunnels 1 and 2."

If you have any questions, please contact me, or your staff may contact Duane Carter, of my staff, on (509) 376-8086.

Sincerely,

  
Joe R. Franco, Assistant Manager  
for the River and Plateau

AMRP:DBC

Attachments

cc w/attachs:

D. B. Bartus, EPA  
J. L. Boller, EPA  
C. E. Cameron, EPA  
J. W. Cammann, MSA  
J. A. Lerch, CHPRC  
S. N. Schleif, Ecology  
E. R. Skinnarland, Ecology  
Administrative Record, TSD: (PUREX Storage Tunnels, S-2-1)  
Ecology NWP Library  
Environmental Portal  
HF Operating Record (J. K. Perry, MSA, A3-01)

cc w/o attachs:

G. Bohnee, NPT  
J. V. Borghese, CHPRC  
S. L. Brasher, MSA  
R. Buck, Wanapum  
S. W. Davis, MSA  
R. Longoria, YN  
R. E. Piippo, MSA  
D. Rowland, YN  
R. Skeen, CTUIR